

LIST OF SPARE GEAR FOR SHIP NO. 663 G MAIN ENGINE

"Comlibant"

- 1 Pair Connecting Rod Bushes lower end with bolts.
- 2 Pairs connecting rod bushes upper end with bolts.
- 4 Main Bearing studs and nuts
- 1 Piston (No rings fitted)
- 3 Sets Piston Rings
- 1 Cylinder Cover complete without valves
- 1 Set of studs and nuts for cylinder cover
- 12 Exhaust valve with casing springs etc complete.
- 4 Exhaust valve adjusting screws
- 6 Exhaust Valve Box seating rings
- 3 " " Spindle seating rings
- 2 Starting valves with casing springs etc. complete with ad-justing ~~spind~~ screws
- 1 Starting valve spindle
- 3 Fuel valves with casings, springs etc complete
- 6 Fuel valve spindles.
- 2 Cylinder relief valves complete
- 1 Roller of each size with pins
- 1 Set air compressor valves, complete with cages and springs.
- 2 Sets Piston rings for air compressor.
- 1 Pair Lower End air compressor connecting rod bolts.
- 1 complete set of springs for one engine.
- 12 additional springs for exhaust valve
- 1 Set of packing for one fuel pump
- 5 Lbs of Wain's packing.
- 3 Lbs 1/4" Palmetto Packing
- 3 Lbs Asbestos Cord.
- 2 Seats of 1/32" 1/16" thick permanite jointing, 4'0" x 4'-0"
- 2 Sheets of 1/8" Asbestos Millboard 4'-0" x 4'-0"
- 1 Set of Pipes for piston cooling gear
- 6 Centre cooling pipes for piston cooling gear
- 2 Outer Piston cooling pipes with flanges brazed.
- 3 Interm. tubes with ported nuts brazed on and 6 jamb nuts
- 3 Internal Tubes and 2 caps.
- Lock nuts for internal pipes.



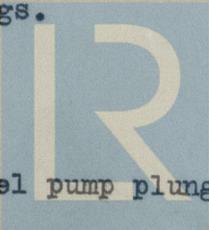
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ENCLOSURE
No 87

LIST OF SPARE GEAR FOR SHIP NO. 663 G

- White Rings for Piston Cooling Gland.
- " " for Internal Pipes.
- Rubber Rings for Internal Pipe Caps
- Cooling Coils for HP Air compressor complete with flanges.
- Cooler Tubes
- do
- Expanders for comp. cooler tubes.
- 1/2" Fuel Pump Delivery Pipe
- " Valve Blast air pipe
- " Delivery pipe from blast air bottle.
- 1 Oil Pump Plungers.
- Complete set of working parts for one fuel pump plunger
- Quantity of assorted bolts and nuts
- Rubber rings of each size for main cylinder liners.
- Rubber rings for cylinder starting valves
- Rubber rings for compressor hood
- Rubber rings for exhaust valves.
- Accessory Engines
- Shaft with gear wheel attached
- Connecting Rod Lower End Bolts.
- Bearing Studs and nuts.
- Piston rings (For steam and diesel engines)
- Valve with casing complete
- Valve spindles.
- " Brass Sleeves.
- Exhaust Valves with casings complete
- Exhaust Valve spindles.
- Starting valve with casing complete
- Under relief valve complete
- Complete set of springs for one engine.
- Governor springs.
- Additional inlet and exhaust valve springs.
- Oil pump plungers.
- Working parts of valves for fuel pump
- Complete set of working parts for one fuel pump plunger.



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LIST OF SPARE GEAR FOR SHIP NO. 663 G

- 1 Set Air Compressor Valves, complete with springs.
- 2 Sets Piston Rings for one air compressor
- 1 H.P. Cooling Coil
- 1 L.P. do
- 6 Rubber Rings for Cylinder liner of each size
- 6 do for Compressor Hood
- 6 do for Exhaust Valves.
- 1 Filter for Lubricating Pump
- 1 Set of Studs and nuts for one cylinder cover.

MANOEUVRING AIR COMPRESSOR.

- 1 Complete set of valves
- 1 Set Piston rings.
- 12 LP Cooler Tubes
- 12 H.P. do

AUXILIARY MACHINERY

- 1 Set of Valves(Suction and delivery) for bilge pump
- 1 do do for Ballast Pump.
- 1 do do for Piston cooling pump
- 1 Set of valves(Suction and delivery) for Condenser air pump, with bucket, rod and head valve seat
- 1 Set of Valves(Suction and delivery) for boiler feed pump, with seats
- 1 Set of valves for emergency air compressor
- 1 Set of bucket rings for bilge pumps
- 1 set of bucket rings for ballast pumps
- 1 Set of bucket rings for piston cooling pumps.
- 1 Set of Piston and bucket rings for the air ~~xxx~~ air circ.pumps.
- 1 Set of piston and bucket rings for boiler feed pump
- 1 Spare Cartridge for lubricating oil and fuel oil filters
- 1 Spring fore relief valve of fuel pump.
- 12 Tubes and 24 ferrules and 12 plugs for P C Water cooler.
- 12 Tubes and 50 Ferrules for condenser.
- 1 Evaporator Coil.

BOILER:

- 1 Spring for Safety Valve
- 1 Valve for Feed Check Valve.
- 12 Water gauge glasses and 24 packing rings.



LIST OF SPARE GEAR FOR SHIP NO: 663 G

BOILER (CONT'D)

2 Boiler Door Joints

6 Boiler Tubes.

Oil Fuel Installation

Burner

2 Burner Tips

Burner supply valve

Burner supply pipe

Burner springs

Suction filter basket

Delivery filter basket

Flame controls

Jacket tubes

coil for heater

2 set of group valves and springs for oil fuel pump

Set of steam piston rings for oil fuel pump.

Set of spanners for installation

Set of Oil Piston rings for oil fuel pump

PAINTING:

Propeller shaft with right hand thread

Set Tunnel shaft coupling bolts and nuts

Propeller Blades, one right hand, one left hand (Mang Bronze)

Set Crankshaft coupling bolts and nuts

Set studs and nuts for one propeller blade

Set of pads for one face of each thrust block.

ELECTRIC MACHINERY

Sets of Brushes for Dynamo

" " " " Circulating and Sanitary Pump Motor

Set of Brushes for Bilge pump motor

Sets of Brushes for piston cooling pump motor
do for lubricating oil pump motor.

Set of brushes for fuel oil pump motor.

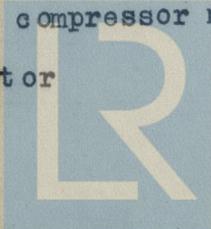
do " Manoeuvring air compressor motor

Set of Brushes for Turning gear Motor

do for Lathe motor



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LIST OF SPARE GEAR FOR SHIP NO. 663G

- 1 Set of Brushes for Drilling Machine Motor
- 1 Set of Brushes for Ballast Pump Motor
- 1 Set of Brushes for ~~Oil~~ Oil Purifier Motor.

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